12-11-07   IAP12 Rec'd PCT/PTO 1 0 DEC 2007   PCT

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PATENT & TRADEMARK

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2008

Complete if Known	
Application Number	10/591,883
Filing Date	September 7, 2006
First Named Inventor	Maurice S. Swanson
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	60677(49163)

[x] Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT   ($) 1,180.00

METHOD OF PAYMENT (check all that apply)

[ ] Check [ ] Credit Card [ ] Money Order [ ] None [ ] Other (please identify): _____

[x] Deposit Account   Deposit Account Number: 04-1105   Deposit Account Name: Edwards Angell Palmer & Dodge

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

[x] Charge fee(s) indicated below

[ ] Charge fee(s) indicated below, except for the filing fee

[x] Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

[x] Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES Fee ($)	Small Entity Fee ($)	SEARCH FEES Fee ($)	Small Entity Fee ($)	EXAMINATION FEES Fee ($)	Small Entity Fee ($)	Fees Paid ($)
Utility	310	155	510	255	210	105	_____
Design	210	105	100	50	130	65	_____
Plant	210	105	310	155	160	80	_____
Reissue	310	155	510	255	620	310	_____
Provisional	210	105	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee ($)	Small Entity Fee ($)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

Total Claims	Extra Claims	Fee ($)	Fee Paid ($)
_____ - ___ = _____	x _____ = _____		

HP = highest number of total claims paid for, if greater than 20.

Multiple Dependent Claims

Fee ($)	Fee Paid ($)
_____	_____

Indep. Claims	Extra Claims	Fee ($)	Fee Paid ($)
_____ - ___ = _____	x _____ = _____		

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is $260 ($130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee ($)	Fee Paid ($)
119 - 100 = 19	/50 = 1 (round up to a whole number) x	125 =	125

4. OTHER FEE(S)

Fees Paid ($)

Non-English Specification, $130 fee (no small entity discount)

Other (e.g., late filing surcharge): 2255 Extension for response within fifth month   1,115.00

2051 Surcharge-Late oath or declaration   65.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent) 53,624	Telephone (617) 517-5543
Name (Print/Type) Jonathan M. Sparks, Ph.D.			Date December 10, 2007

12/13/2007 LLANDGRA 00000004 041105   10591883

01 FC:2617   65.00 DA
02 FC:2681   130.00 DA

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